

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1252598

Luminaire Tested: P3AS20R159030D010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252598
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R159030D010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

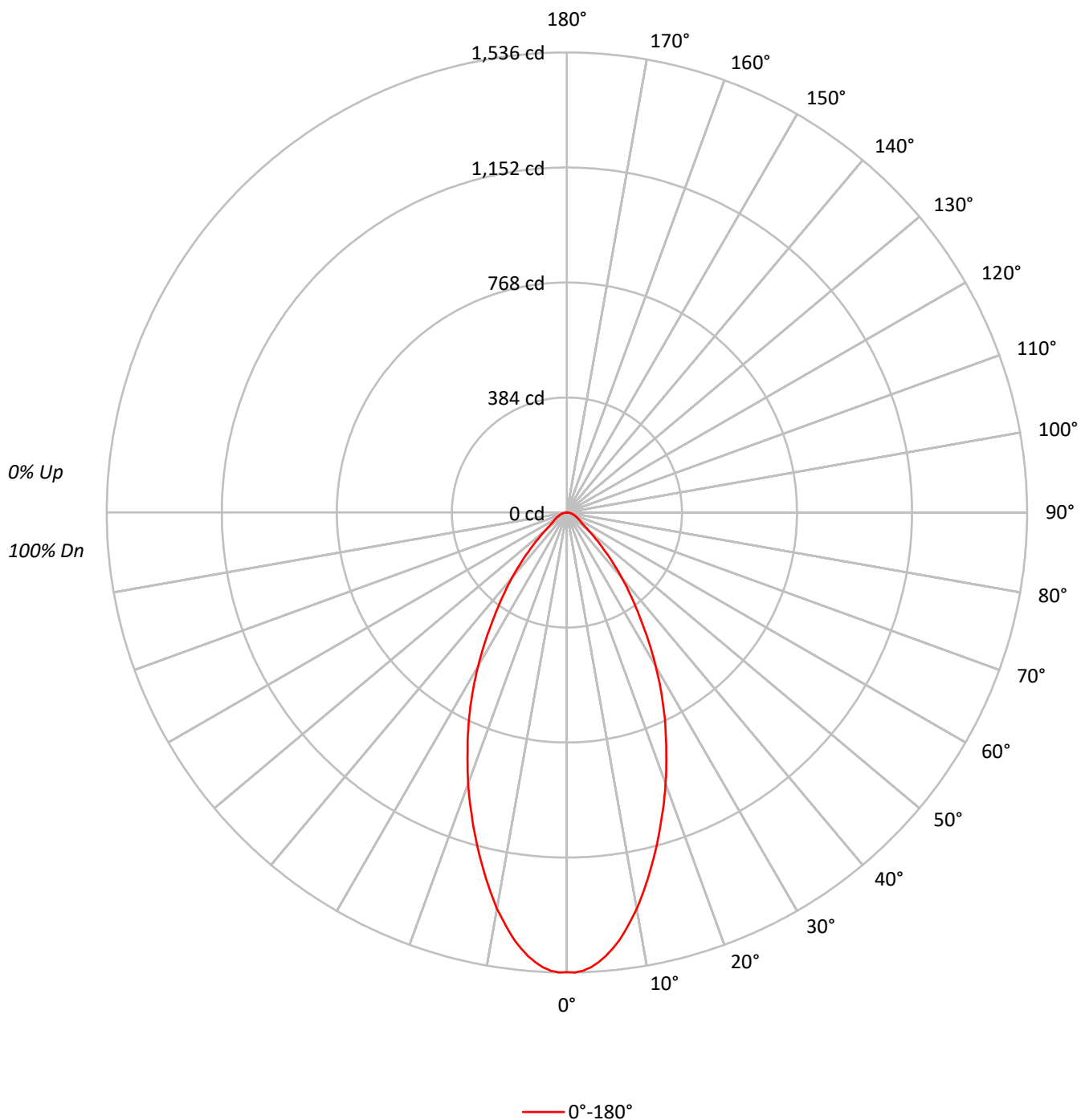
Lumens per Lamp: N/A
Luminaire Lumens: 1334.0 lumens
Efficiency: N/A
Efficacy: 46.3 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	336486
5°	327360
10°	299148
15°	262022
20°	224790
25°	187680
30°	150200
35°	112645
40°	81753
45°	53463
50°	33432
55°	22594
60°	19998
65°	18420
70°	17311
75°	15759
80°	14901
85°	12831

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 53463 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	137.2	10.3
10°-20°	321.6	24.1
20°-30°	354.4	26.6
30°-40°	265.4	19.9
40°-50°	137.5	10.3
50°-60°	57.0	4.3
60°-70°	35.3	2.6
70°-80°	19.8	1.5
80°-90°	5.7	0.4
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	813.2	61.0
0°-40°	1078.5	80.9
0°-60°	1273.1	95.4
0°-90°	1334.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1334.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1534	
5°	1487	137
15°	1154	322
25°	776	354
35°	421	265
45°	172	138
55°	59	57
65°	36	35
75°	19	20
85°	5	6
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1534.5
1°	1536.2
2°	1531.1
3°	1521.0
4°	1505.8
5°	1487.2
6°	1463.5
7°	1438.2
8°	1407.7
9°	1375.6
10°	1343.5
12.5°	1250.6
15°	1154.2
17.5°	1057.9
20°	963.3
22.5°	867.0
25°	775.7
27.5°	684.4
30°	593.2
32.5°	503.6
35°	420.8
37.5°	349.8
40°	285.6
42.5°	226.5
45°	172.4
47.5°	130.1
50°	98.0
52.5°	72.7
55°	59.1
57.5°	52.4
60°	45.6
62.5°	40.6
65°	35.5
67.5°	30.4
70°	27.0
72.5°	22.0
75°	18.6
77.5°	15.2
80°	11.8
82.5°	8.4
85°	5.1
87.5°	1.7
90°	0.0

(END OF REPORT)